

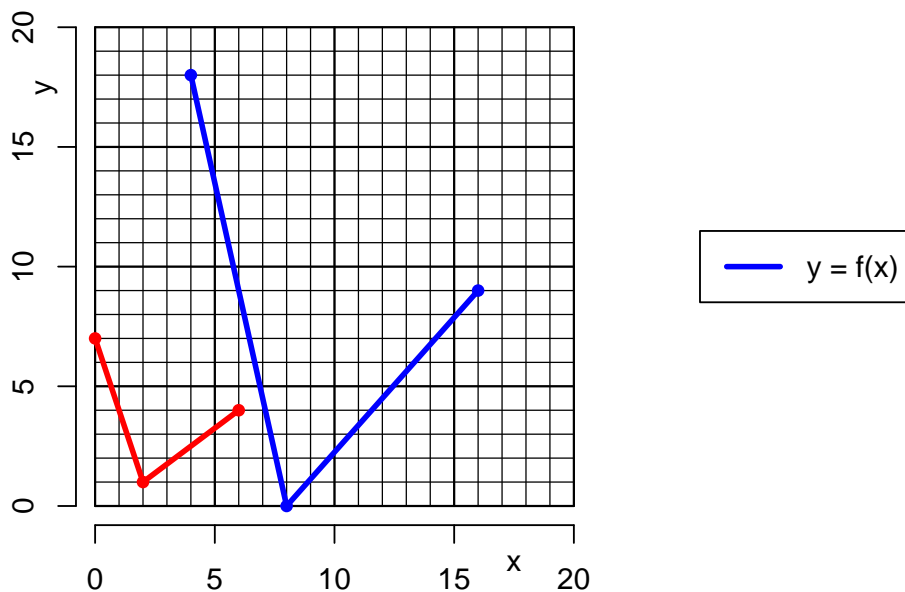
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 33)

### Question 1

Curve  $y = f(x)$  contains points  $(4, 18)$  and  $(8, 0)$  and  $(16, 9)$ , as shown on the  $x$ - $y$  plane below.

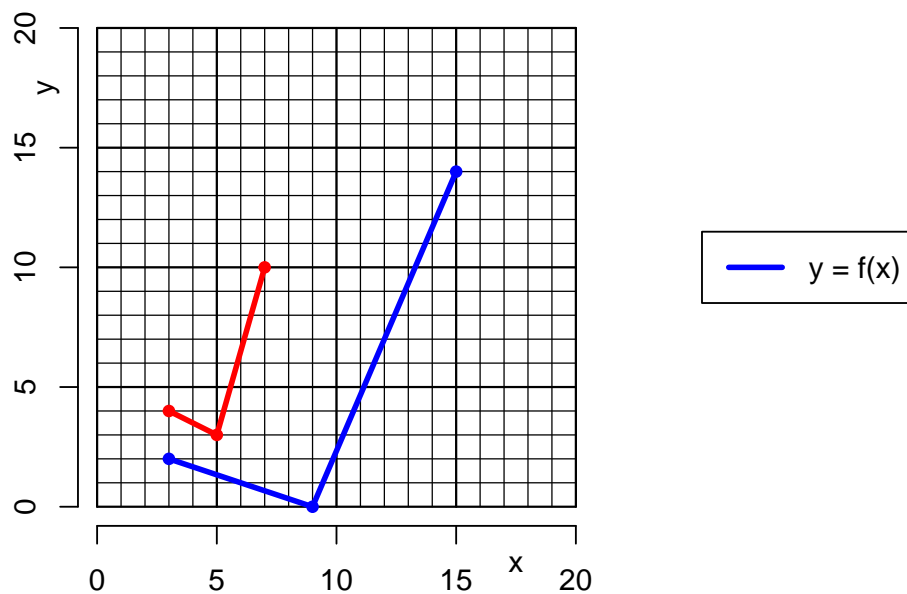


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x + 4]}{3} + 1$$

## Question 2

Curve  $y = f(x)$  contains points  $(3, 2)$  and  $(9, 0)$  and  $(15, 14)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x-2)] + 6}{2}$$